

*I claim:*

~~claims:~~

- B*
1. A method of coating wherein different thermosetting materials are laid down in powder form one upon the other on a substrate, and heat is applied to melt and fuse the powders into respective coatings bonded together on the substrate.
  2. A method according to Claim 1 wherein the powders have different rates of cure from one another.
  3. A method according to Claim 2 wherein the higher cure-rate powder is laid down as a first layer on the substrate, and the lower cure-rate powder is laid down as a second layer on the first layer.
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4. A method according to Claim 2 or Claim 3 wherein while the second layer is still in the melt phase and the first layer is substantially cured, an item to be bonded to the substrate is brought into contact with the second layer and held there until the second layer cures.
  5. A method according to any one of Claims 1 to 4 wherein one or both powders include pigmentation.
  6. A method according to any one of Claims 1 to 5 wherein one of the powders when fused is transparent.
  7. A method of bonding two surfaces together wherein the bond is effected using two bonding materials that have different cure-rates, the material of lower cure-rate being applied to the material of higher cure-rate while this latter material is in the uncured state, prior to curing of both.

8. A method according to Claim 7 wherein the materials are thermosetting materials and are deposited in powder form on respective substrates that are to be bonded together, heat is applied to both powders to melt them and to cure partly the material of higher cure-rate such as to bond it to its substrate, and this partly-cured material is then brought into contact with the melted material of low cure-rate so that upon curing of both materials a bond is established between them.

9. A method according to Claim 8 wherein one or both powders include pigmentation.

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